

DE 1 019 707

DE 1 019 707 relates to method and an apparatus for determining at least one component of a distortion that occurs during the transmission of the modulated high frequency signal. To determine the component of the distortion a second carrier with a corresponding frequency is added to the distorted high frequency signal. The phase relationship of the added frequency is related to the phase of the distortion component to be measured. A D/C component or a low frequency component resulting from the super-position of the two frequencies is used as a measure for the distortion component. The selection of the distortion component to be measured is performed by adjusting the phase angle between the high frequency signal and the super-imposed frequency. Thus, a phase angle of $\pi = 0$ results in the determination of amplitude distortion for example.